THE TECH

VOL. XXVII. No. 39 BOSTON, MASS., MONDAY, JANUARY 6, 1908 PRICE THREE CENTS

JUNIORS WIN FENCING MEET.

GRUBNAU AGAIN CHAMPION.

Sharp Competition in All Events. Sophs Get Second.

The Juniors again took the interclass fencing championship at the third monthly exhibition of the fencing club. V. C. Grubnau 1909 received first prize in the individual handicap foil competition.

The summaries are as follows:

1st bout—R. Gallegos 1910 defeated W. Doane 1911.
2nd bout—V. C. Grubnau 1909 defeated D. Clapp 1910.
3rd bout—R. Gallegos 1910 defeated W. Jones 1911.
4th bout—V. C. Grubnau 1909 defeated W. Doane 1911.
5th bout—W. Nickerson 1909 defeated W. Doane 1911.
6th bout—H. E. Weeks 1909 defeated W. Jones 1911.
7th bout—R. VanEtvelde 1910 defeated J. B. Wilbur 1911.
8th bout—W. Jones 1911 defeated D. Clapp 1910.
9th bout—W. Nickerson 1909 defeated G. B. Wilbur 1911.
10 bout—W. Doane 1911 defeated R. Van Etvelde 1910.
11th bout—H. R. Weeks 1909 defeated G. B. Wilbur 1911.
12th bout—W. Nickerson 1909 defeated R. Van Etvelde 1910.
13th bout—V. C. Grubnau 1909 defeated R. Gallegos 1910.
14th bout—H. E. Weeks 1909 defeated R. Van Etvelde 1910.
15th bout—W. Nickerson 1909 defeated R. Galegos 1910.
16th bout—D. Clapp 1910 defeated H. E. Weeks 1909.
17th bout—R. Gallegos 1910 defeated H. E. Weeks 1909.
18th bout—D. Clapp 1910 defeated G. B. Wilbur 1911.
19th bout—H. E. Weeks 1909 defeated W. Doane 1911.
20th bout—W. Nickerson 1909 defeated W. Jones 1911.
21st bout—V. C. Grubnau 1909 defeated G. B. Wilbur 1911.
22nd bout—W. Doane 1911 defeated D. Clapp 1910.
23rd bout—R. Gallegos 1910 defeated G. B. Wilbur 1911.

(Continued on page 3.)

LIBRARY RECEIVES MORE BOOKS THAN EVER BEFORE.

DEPARTMENT LIBRARIES USEFUL.

That of Architectural Department Leads in Circulation.

Some interesting facts are shown in the report of the Librarian for the year 1906-1907. During the year, 4,890 books and pamphlets have been received, an increase of 899 over last year.

The Architectural library leads in circulation with 1569 volumes taken out during the year. Fifty new books have been received. The Engineering library has received 238 new volumes, and History and Economics library 155.

The running expenses of the libraries for this year is $6,059.99. For purchasing books and periodicals 1268 orders were issued, and 2,124 for binding.

Mrs. William Barton Rogers has donated a Hammond typewriter to the librarian's office, and gave the Geological Library $500 for much needed binding. Many other minor contributions have been made of well chosen books on live subjects.

The library staff has continued the work of cataloging, adding 5,469 cards to the general catalogues bringing the total up to 86,269 cards. Three libraries have now complete subject catalogues. This work is progressing, but several years will be necessary to establish the same system in all department libraries.

The total attendance for 112 days at the general library from 5 to 10 P. M. was 1741, an average of 15.5 per day.

FRANCIS AMASA WALKER.

SOLDIER ECONOMIST STATISTICIAN.

Born in Boston on the second day of July, 1840. Early youth passed in North Brookfield, Mass. Graduated from Amherst College in 1865.

Enlisted in the war of the Rebellion on the Union side as sergeant-major in the fifth regiment of Massachusetts volunteers. Captured and exchanged. Received the rank of Brevet Brigadier-General after the battle of Gettysburg.

Chief of Bureau of Statistics in 1869. Superintendent of the ninth and tenth censuses. Professor of political economy and history at Shefield Scientific School in 1873. Became President of the Massachusetts Institute of Technology in 1881. Died on the fifth day of January, 1897.

COPLEY HALL MAY BE USED NEXT TERM.

MEMORIAL COMMITTEE IMPRESSED

Resolutions of the Four Classes are Now Being Drawn Up.

That the movement among the students and the student organizations for the use of Copley Hall as a temporary Union or Walker Memorial has impressed the Walker Memorial Committee and the Institute authorities there is not a doubt.

The Memorial committee has been looking into the facilities of the Copley Hall building, and now looks with some favor upon the idea of spending a portion of the income from the fund on the enterprise. Before any definite step can be taken however the various subscribers to the fund will have to be consulted. Probably a referendum vote will be taken.

The student resolutions will be presented by the Institute Committee to the Executive Committee, of the Corporation, the Faculty, the Memorial Committee and to the Alumni Association at the annual meeting on Jan. 10.

The resolutions for the four undergraduate classes are now being drawn up by the committees from the classes.

(Continued on page 3.)

OUTLINE FINANCIAL STATEMENT OF SHOW.

PROFITS APPROXIMATE $1500.

Detailed Report of Finances Not Prepared by Last Year's Management.

The following outline statement was given out by the show on Saturday.

Expenditures,	
1907 Show	$5337.93
1908 Show	316.34
Athletic Association	1100.00
Total	$6754.27
Receipts from all sources	$6754.27
Still due from advertisements	71.75

There will follow in a few days a detailed statement of expenditures and receipts, which has not as yet been made up by the management of last year's show.

Work on the Show is progressing rapidly and the prospects for a successful Show are bright. A list of rattling good subjects for lyrics was handed out and brought forth a large number of very creditable pieces of work. Not only have the writers of lyrics of the previous shows turned out in numbers, but a good deal of hitherto unknown and unsuspected talent has come to light.

Continued on page 2.)

TECH LOSES TO WORCESTER POLYTECH.

HARD FIGHT TO FINISH.

18 to 17 the Score. Second Team Wins Easy Game.

In a close game the Tech basket ball team was defeated at the Gym on Saturday by Worcester Polytechnic, the score being 18 to 17.

Tech took the lead at the beginning of the game and by good team play succeeded in rolling up 10 points in the first half against three for Worcester.

In the second half, however, the Institute slowed up in its team play and there was much careless guarding. Tech held a lead of about seven points up to the last five minutes of play, when Worcester Tech began to make things lively and Fitzpatrick secured four goals in quick succession.

With but a minute to play Tech led by one point, 17 to 16, but the team was unable to withstand the fast attack of their opponents and Fitzpatrick dropped in another ball for the deciding tally.

The passing of the Tech forwards was swift and accurate at the first, but they seemed unable to keep up the pace. Cahill missed more goals from free tries than usual.

Fitzpatrick of Polytech secured the goal which turned the tables through inconsisten guarding of the Tech back.

Fitzpatrick and Captain Lawley excelled for Worcester, Hargraves and Cahill did the best work for the Institute team.

The summary:

WORCESTER TECH.	M. I. T.
Pease rf.	lg. Lamont
Fitzpatrick lf.	rg. Nichols
Lawley c.	c. Wentworth
Wholean rg.	lf. Cahill
Smith lg.	rf. Hargraves

Score, Worcester Tech 18, M. I. T. 17. Goals from floor, Lawley, Wentworth, Nichols, Hargraves, Cahill 3, Lamont, Fitzpatrick 5, Wholean. Goals from fouls, Cahill 3, Lawley 4. Referee, hitmore. Umpire, Champney. Timer, Pettingill. Time, 20m. halves.

The second team swamped the West Roxbury High aggregation by the score of 32 to 2.

Ruckman and Dillon did consistent work for Tech. Green played a good game in the second half.

The summary:

TECH 2d.	W. R. H. S.
Dillon, Johnson rf.	lg. Smith
Schatz lf.	rg. Serex
Green c.	c. Graumann
Pauvolid rg.	rf. Perkins
Ruckman lg.	rf. Miller

Sscore, Tech 2d 32, West Roxbury 2. Goals from floor, Dillon 3, Ruckman 4, Schatz, Green 5, Pauvolid, Johnson 2, Serex.

MUSICAL CLUBS MAKE TRIP TO PORTSMOUTH.

REPEAT REGULAR PROGRAM.

Concert Was For Benefit of Senior Class at Portsmouth High School.

The musical clubs' trip to Portsmouth proved another success. Thirty-nine men went, and the concert went off with a snap that brought considerable applause.

The program was the same as that given at the winter concert, except that the quartet did not appear. The Banjo Club made the hit of the evening and were encored several times.

The concert is an annual affair, given during the first week in January for the benefit of the Senior class of the Portsmouth High School. In other years the Dartmouth and Tufts clubs have played. A dance which followed the concert lasted till two A. M. The Tech men were royally treated and all had a good time. Most of the men stayed over Saturday, and returned well fed and happy.

THE TECH

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Editorial Staff.

H. W. Hoole, 1908 — *Editor-in-Chief*
W. F. Dolke, Jr., 1908 — *Managing Editor*
D. C. McMurtrie, 1910 — *Sporting Editor*
Channing Turner, 1908
H. I. Pearl, 1910
W. D. Green, 1909 — *Associate Editor*

News Staff.

J. N. Stephenson, 1909 — D. Clapp, 1910
D. R. Stevens, 1911 — L. G. Glazier, 1911

Business Staff.

R. S. Bicknell, 1910 — *Business Manager*
C. A. Woodruff, 1911 — W. R. McCune, 1911

Circulation Staff.

G. A. Haynes, 1909 — *Circulation Manager*
M. W. Hopkins, 1911

All communications regarding advertisements should be addressed to the Business Manager. Regarding subscriptions address the Circulation Manager.

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Monday, January 6, 1908.

GOOD BUSINESS POLICY.

The financial policy adopted by this year's Tech Show is to be commended. From the large profits of last year's show a percentage has been retained for a sinking fund to start the operations of the 1908 show.

In previous years all or nearly all of the profits from the show have been turned over to the athletic association. When the management started its operations at the beginning of each year, a large sum was borrowed at big interest, on the personal note of the general or business manager, backed by some Institute authority.

That this money is needed at the first of the year is undoubtedly true as the professional coach, the theatres, and costumers have to be given a retainer, together with all the other minor expenses of postage, minor printing and personal expenditures.

Last year's show made $1700. Of this $1100 has been turned over to the athletic association, about $500 has been retained for sinking fund while from one to two hundred dolars is yet to be collected.

The profits compare very favorably with previous shows, there being only one, the Chemical Maid, that made more money for the athletic association.

That the show is a big enterprise, and that the income for use on athletics is steadily increasing is best shown by a review of the profits from the various shows, in the following list: Minstrel Show, $375; The Medicine Man, not over $500; The Grand Duke, $500; Applied Mechanics, not over $900; Scientific King, $925; Simon Pure Brass, $935.63; Chemical Maid, $1535; The Freshman, $900; Wiliam Willie and Bill, handed over to the athletic association to date $1100. As soon as the receipts from the 1908 show commence there will be $500 more to be given from the 1907 show.

This year's show indeed has taken a good step in being sure of its working capital in a time of poor credit and high interest rates. The holding back of this sum of money will no doubt cause a little hardship for the athletic authorities this year, but will be better for all concerned in the years to come.

The selection by the show management of an advisory board to audit accounts and pass on all appointments is another good move. The responsibility of the taking in of upwards of $6000 with the spending of about $4500 with the attendant book-keeping and accounts is almost too much for an undergraduate management which changes every year without some advisory board to keep a continuous policy from year to year.

A detailed financial report of last year's show appears in another column.

Now that the show has been put on a solid basis, not depending on credit for a long period of operation, there remains only one activity, the Technique, that has to wait for its money and pile up bills against it. This is an enterprise that cannot very well borrow money as its profits are always problematical and often minus. It would seem proper, in order to give future Techniques a financial standing, that a sinking fund or the custom of selling subscriptions early in the school year be started. It is hardly probable that any kind of a sinking fund can be raised, so that the only method of securing money for running expenses is the opening of the subscription list at the beginning of the school year.

OUTLINE FINANCIAL.

(Continued from page 1.)

The lyric competition has not yet been formally decided but some of the best lyrics have been selected and given out to the music writers. A meeting of the latter was called Friday and a dozen turned out. They are:—H. S. Wonson 1907, W. G. Harrington 1910, J. A. Holbrook 1910, L. Healy 1909, A. E. Thornley 1909, P. Kellogg 1911, H. A. Hale, Jr. 1910, W. J. Orchard 1910, C. W. Hubbard 1907, K. R. Harrison, J. C. Fuller 1911 and O. B. Denison 1911.

A large proportion of these wish to write dance music, and choruses. Comparatively few wished to write topical songs, although two or three expressed their willingness to write anything. H. S. Wonson, who wrote "Dear Old M. I. T." for the show last year has written a Tech Song this year, too. H. A. Hale also wrote last year. Not much is known about the ability of the other men in this line.

The poster competition is also progressing well. Ten or twelve posters have been handed in and they show a good deal of merit. As yet the competition has not been decided.

The Advertising Department of the Tech Show needs some men who will and can write newspaper stories about the Show. Of the eight men who came out for the three positions open, advertising manager and two assistants, four have dropped out for slight reasons. At present there are four men trying for three places. There is a chance for more. None of the four are freshmen. Furthermore only two of the men out for the business end are freshmen. The freshmen class of a year ago had four of its members on the Show management. As there are six places open this may happen again if 1911 will only show the spirit.

Wanted, for the Show, men who will and can write. Apply to F. A. Dewey, general manager, box 63, Cage.

A CONTEMPORARY OPINION.

The following statement appears in the columns of The Maryland Collegian. The Tech, of Boston Tech, is an exceptionally fine paper. It is one of our best exchanges.

INSTITUTE LECTURER EXHIBITS.

At the recent exhibition of the Forest, Fish and Game Society of New York City a remarkable collection of original photographs of wild birds and animals loaned by Mr. William Lyman Underwood, Lecturer on Biology in the Institute, attracted great attention and received much favorable comment.

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JUNIORS WIN.

(Continued from page 1.)

24th bout—W. Nickerson 1909 defeated W. Jones 1911.
Won by 1909.

Summary Prize Foil Competition:

1st bout—Gallegos 1910 defeated Lange 1909.
2nd bout—Nickerson 1909 defeated Weeks 1909.
3rd bout—Nickerson 1909 defeated Jones 1911.
4th bout—Grubnau 1909 defeated Weeks 1909.
5th bout—Gallegos 1910 defeated Weeks 1909.
6th bout—Lange 1909 defeated Jones 1911.
7th bout—Gallegos 1910 defeated Nickerson 1911.
8th bout—Grubnau 1909 defeated Lange 1909.
9th bout—Jones 1911 defeated Gallegos 1910.
10th bout—Lange 1909 defeated Weeks 1909.
11th bout—Grubnau 1909 defeated Nickerson 1909.
12th bout—Grubnau 1909 defeated Jones 1911.
13th bout—Nickerson 1909 defeated Lange 1909.
14th bout Grubnau 1909 defeated Gallegos 1910.

on by V. C. Grubnau 1909, second tie between F. J. Lange 1909, . Nickerson 1909, R. Galegos 1910.

Summary Duelling Sword Bout:

Mr. Cushing defeated R. Gallegos 1910.
Mr. Cushing defeated W. Nickerson 1909.
R. Gallegos 1910 defeated W. Nickerson 1909.

Officials—Referee, Lucien Fournon; judges, E. M. Loring, L. G. Glazier; timer and announcer, W. C. Ferguson.

RIFLE CLUB NAMES OFFICERS.

Receives invitation to Enlist in the Naval Brigade.

At the annual meeting of the Rifle Club Saturday the following officers were elected for the ensuing year: President, H. R. Wilbur 1910, vice-pres. C. D. Jacobs 1909, secy. W. N. Drew 1910, treas. D. P. Marvin 1910, executive officer F. M. Green 1909, auditing committee W. M. Drew 1910, G. E. Goodspeed 1910.

Owing to the excessive charge gallery practice will not be held in the Armory. The club has been asked to enlist in the naval brigade.

COPLEY HALL.

(Continued from page 1.)

As it was impossible to get the committees together last week, the resolutions will not be printed until the latter part of this week.

It is understood that there is a possibility of securing Copley Hall and Allston Hall, with some of the surrounding rooms for use next term. It is thought that the lease held by the Copley Society can be bought off and these rooms turned over to lunch room and students' uses.

This step would be indeed a good one as the mechanical engineering authorities are anxious to secure the room now occupied by the Technology lunch room in Pierce in which to place the big turbine engine.

If the lunch room were started in the big hall there would also be a better opportunity for those in charge to find out just what was wanted in the way of food and arrangements on the part of the students.

Y. M. C. A. PASSES RESOLUTIONS.

Whereas: A movement has been started by the Board of Editors of The Tech and the Institute Committee to have Copley Hall, owned by the Massachusetts Institute of Technology, used as a temporary Walker Memorial and Union until a permanent Memorial is erected; and

Whereas: The Technology Young Men's Christian Association has felt the need of more suitable quarters for enlarging the social life and good fellowship at the Institute; and

Whereas: The Technology Y. M. C. A. needs such daily facilities as the use of this building would afford for carrying on its work in the Institute; be it

Resolved: That the Technology Y. M. C. A. place itself on record as being heartily in sympathy with this movement; and be it

Resolved: That the Technology Y. M. C. A. express its desire to cooperate with the other student organizations to further this movement.

For the Technology Y. M. C. A.

J. N. STEPHENSON Chairman,
J. N. BROOKS,
J. G. REID Pres.

The Technology Review

A QUARTERLY MAGAZINE DEVOTED TO THE INTERESTS OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY
AND
PUBLISHED BY THE ASSOCIATION OF CLASS SECRETARIES

83 NEWBURY STREET, BOSTON

The Review aims to develop closer relations among Institute men and to stimulate their interest in the work of the College. It is in no sense an engineering magazine, but deals broadly with the problems of Technological Education and the responsibilities of the professional man.

THE REVIEW is published during January, April, July, and October. Communications should be addressed to The TECHNOLOGY REVIEW, 83 Newbury St., Boston.

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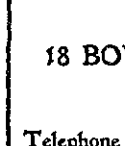

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TO CLASH WITH HARVARD.

Besket Ball Team Plays at Cambridge Tomorrow Night.

The first basket ball team will meet Harvard's first team tomorrow night at eight o'clock in the Harvard gymnasium. The odds appear greatly against Technology, but Captain Wentworth thinks that with the experience of the game with Tufts behind the team that Harvard will have a hard game. The line-up will probably be as folows.

TECHNOLOGY.	HARVARD.
Hargraves rf.	lg. Almy
Cahill lf.	rg. Brooks
Wentworth c.	c. Browne
Lamont rg.	lf. Brown
Nichols lg.	rf. Currie

EXETER CLUB OFFICERS.

The following officers of the Exeter Club announced for the year are: President, M. K. Weill 1909, Secretary-Treasurer, H. L. Sherman.

CALENDAR.

Monday, January 6.

1.00 P. M. Institute Committee Meeting in Trophy Room.
4.00 P. M. Senior Portfolio ballots due at The Cage.
4.00 P. M. Hockey Team Practice, for Place see Posters.
4.30 P. M. Meeting of the Board of Editors of The Tech.

Tuesday, January 7.

1.00 P. M. 1911 Tug-of-War Team meets in 26 Rogers.
4.00 P. M. Hockey Team Practice, for Place see Posters.
5.00 P. M. Meeting to form Biological Society in 28 Pierce.
8.00 P. M. Basketball, Technology vs. Harvard at Harvard.

NOTICES.

Mid-year examination schedule will be issued with Wednesday's The Tech.

THE TECH.—There will be a meeting of the Board of Editors of The Tech in 30 Rogers at 4.30 P. M. Monday, Jan. 6.

1911.—Tug-of-war Team meet in 26 Rogers, Tuesday, Jan. 7, at 1 P. M.

HOCKEY.—There will be a hockey practice this and tomorrow afternoon. The place for practice will be announced on hockey posters this afternoon.

BIOLOGICAL SOCIETY.—A meeting of all persons interested in the formation of a BIOLOGICAL SOCIETY will be held in 28 Pierce Tuesday, Jan. 7 at 5 P. M. The business of the meeting will be to pass upon and sign the constitution which has been drafted by a temporary executive committee. It is urged that all men taking biological subjects or otherwise interested in such matters be present at this initial meeting.

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